November 18, 2016

MEMORANDUM FOR: Distribution Email

FROM: Chris Caruso Magee
                    Configuration Manager, NCEP Central Operations

SUBJECT: Scheduled Operational Changes and Upgrades for
                    CPC, OPC, and WPC

Climate Prediction Center

The following accelerated items were implemented this past week:

None

The following will be implemented the week of November 21, 2016:

RFC #788 - Update the Verification Web Tool (VWT) to add the ability to verify
separate categories (or single specific categories) for Heidke Skill Score, Brier
Skill Score, and reliability diagrams. Also add the following bugfixes and
improvements:
- Fix reliability line colors
- Increase precision in the average scores
- Remove lat/lon values from hover info on maps
To be implemented on November 21 at 1500Z.

The following will be implemented the week of November 28, 2016:

RFC #789 – Add an explanatory color bar to GIF images for the Long-Range
Forecast web products. To be implemented on November 29 at 1200Z.

RFC #790 – Add code to enable near-real-time reports on the Long-Range
Forecast Dashboard. To be implemented on November 29 at 1200Z.

The following RFCs are in progress:

None

The following NCO RFCs to be implemented the week of November 21, 2016 may affect CPC:

RFC #2569 – NCO/NSB will be converting the leased fiber from College Park (MAX) to Suitland (NSOF). During this time, all traffic will re-route over the backup circuits through Reston to Orlando. While the traffic is going over the backup route path there will be noticeable slowness as latency and congestion will occur with increased capacity on the circuit. To be implemented on November 21 at 1200Z and should be completed by 2100Z on November 21.

RFC #2578 - Modify the virtual hardware on the cpccf15 server to match that on cpccf20. To be implemented on November 22 at 1900Z.

The following NCO RFCs are in progress and may affect CPC:

None

Ocean Prediction Center

The following accelerated items were implemented this past week:

RFC #791 – Updated script 'nbm_winds_2_gempak.pl' to point to the new location of the source data, which changed with the recent National Blend of Models (NBM) upgrade. Implemented on November 16 at 1620Z.

The following will be implemented the week of November 21, 2016:

None

The following will be implemented the week of November 28, 2016:

RFC #792 – In script 'send_to_TOC.pl', the logic to determine the primary FTPS server has been updated per recommendation of the TG Project Manager. Also, the associated table of authorization credentials has been updated to use a DNS name instead of an IP address. To be implemented on November 28 at 1330Z.

The following RFCs are in progress:

None

The following NCO RFCs to be implemented the week of November 21, 2016 may affect OPC:

RFC #2569 – NCO/NSB will be converting the leased fiber from College Park (MAX) to Suitland (NSOF). During this time, all traffic will re-route over the backup circuits through Reston to Orlando. While the traffic is going over the backup route path there will be noticeable slowness as latency and congestion will occur with increased capacity on the circuit. To be implemented on November 21 at 1200Z and should be completed by 2100Z on November 21.

RFC #2573 – Update NWSChat at Silver Spring to support the Facebook API. To be implemented on November 21 at 1700Z.

The following NCO RFCs are in progress and may affect OPC:

None

Weather Prediction Center

The following accelerated items were implemented this past week:

None

The following will be implemented the week of November 21, 2016:

None

The following RFCs are in progress:

None

The following NCO RFCs to be implemented the week of November 21, 2016 may affect WPC:

RFC #2569 – NCO/NSB will be converting the leased fiber from College Park (MAX) to Suitland (NSOF). During this time, all traffic will re-route over the backup circuits through Reston to Orlando. While the traffic is going over the backup route path there will be noticeable slowness as latency and congestion will occur with increased capacity on the circuit. To be implemented on November 21 at 1200Z and should be completed by 2100Z on November 21.

RFC #2573 – Update NWSChat at Silver Spring to support the Facebook API. To be implemented on November 21 at 1700Z.

The following NCO RFCs are in progress and may affect WPC:

RFC #2496 – MRMS v11.0.3 – Update MRMS to include the following: for RIDGE2, increase geoTiff resolution for single radar products; update severe weather algorithms; and implement Hydromet (previously HMRG) updates. Implementation began on November 1 at 1200Z and should be completed by 2100Z on November 23. Though work continues until November 23, MRMS v11.0.3 was declared operational in Boulder as of November 15.

Please note that security-related RFCs are never listed in the RFC memo.

---- OPERATIONAL ANNOUNCEMENTS ----

The CPC/OPC/WPC Configuration Management documents are available at https://sites.google.com/a/noaa.gov/nws-ncep-nco-cm/.

Please review these documents if you have questions prior to submitting changes for CPC/OPC/WPC configurable items.

 Users who wish to view their network utilization via the Scrutinizer appliance may request access from NCO/IWSB. Please send an account request to the NCWCP Helpdesk at NCWCP.helpdesk@noaa.gov.